

**Table 1****Genes enriched > 5-fold in brown versus white undifferentiated preadipocytes****(FDR<1%)**

<b>Gene Symbol</b>	<b>Gene Title</b>
<i>Acta1</i>	actin, alpha 1, skeletal muscle
<i>Actc1</i>	actin, alpha, cardiac
<i>Cd83</i>	CD83 antigen
<i>Chrna1</i>	cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle)
<i>Cldn5</i>	claudin 5
<i>Icam2</i>	intercellular adhesion molecule 2
<i>Lhx8</i>	LIM homeobox protein 8
<i>Meox2</i>	mesenchyme homeobox 2
<i>Mme</i>	membrane metallo endopeptidase
<i>Myh3</i>	myosin, heavy polypeptide 3, skeletal muscle, embryonic
<i>Myl1</i>	myosin, light polypeptide 1
<i>Mylpf</i>	myosin light chain, phosphorylatable, fast skeletal muscle
<i>Myog</i>	myogenin
<i>Tbx15</i>	T-box 15
<i>Tnnc1</i>	troponin C, cardiac/slow skeletal
<i>Tnni1</i>	troponin I, skeletal, slow 1
<i>Tnnt3</i>	troponin T3, skeletal, fast
<i>Zic1</i>	zinc finger protein of the cerebellum 1